



Good Quality Improves Life's Quality

No

Tanggal : 5 Agustus 2026

Dari : Engineering

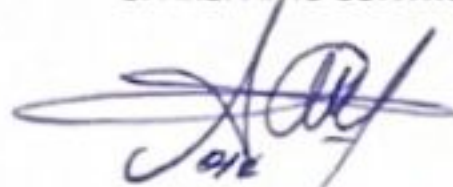
SURAT PERMINTAAN BARANG

| No | Kode Barang | Nama Barang | Merk / Brand | Type | Spesifikasi | Satuan | Riwayat Pembelian |        |          |                            | Stok Saat Ini | Minimum Stok | Jumlah Permintaan | No Justifikasi |
|----|-------------|-------------|--------------|------|-------------|--------|-------------------|--------|----------|----------------------------|---------------|--------------|-------------------|----------------|
|    |             |             |              |      |             |        | Tanggal           | Jumlah | No SPB   | Supplier                   |               |              |                   |                |
| 1  | IMO06000    | Freon       |              | R11  |             | TB     | 17-Jul-26         | 2      | PF001169 | CV TEKINDO ABADI           | 12.57         | 12           | 2                 | CONS-RFG-004   |
| 2  | IMO06000    | Freon       |              | R407 |             | TB     | 07-Apr-26         | 3      | PF000461 | KENCANA LINTAS MENTARI, PT | 15.731        | 2            | 3                 | CONS-RFG-002   |

Catatan :

Permintaan Freon R11 & R407, Sudah berada pada minimum stock sehingga perlu diajukan terhadap Freon R11 & R407 Tersebut.

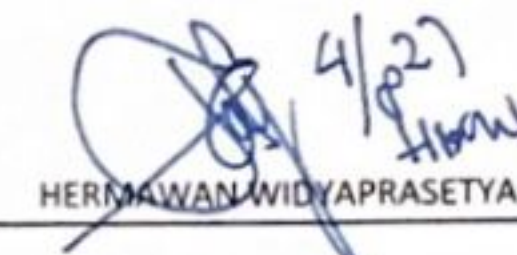
SPAREPARTS CONTROLLER

  
AJKA AMIRIN

Asst. Manager

  
FIRMAN ARDI B

MANAGER

  
HERMAWAN WIDYAPRASETYA



|                                                                                                                                                                                           |                                      |                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------|
|  <b>mersi</b><br><i>Good Quality Improves Life's Quality</i><br>PT. MERSIFARMA TM.<br>SUKABUMI-INDONESIA | <b>SPAREPARTS<br/>JUSTIFICATIONS</b> | Nomor :<br>Tanggal : 4 Januari 2024<br>Revisi : 00 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------|

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| NAMA BARANG        | Freon                                                                              |
| TYPE / BRAND       | R11                                                                                |
| PACKAGING ORIGINAL | 1 Tabung @ 12 Kg                                                                   |
| DIGUNAKAN UNTUK    | Flushing Outdoor HVAC , Outdoor Chiller, Outdoor AC Standing, dan Outdoor AC Split |

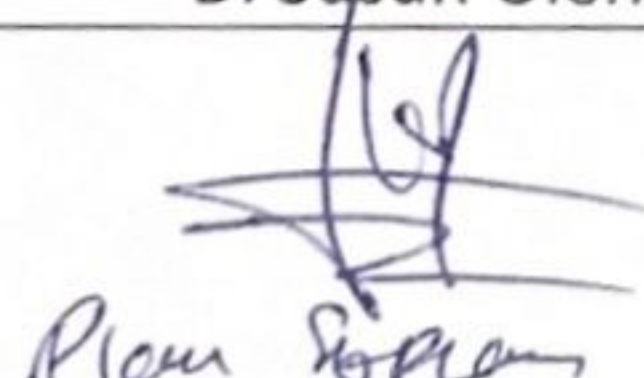
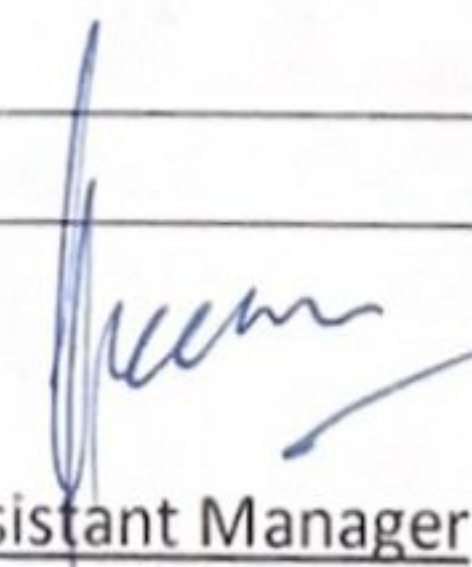
| NO | DIPAKAI<br>UNTUK       | LOKASI                | JUMLAH<br>PERALATAN<br>[A] | JUMLAH BARANG /<br>SATU ALAT<br>[B] | TOTAL<br>[A x B] |
|----|------------------------|-----------------------|----------------------------|-------------------------------------|------------------|
| 1  | Outdoor HVAC           | Produksi U.1 Steril   | 11                         | 6                                   | 66               |
| 2  |                        | Produksi U. 1         | 11                         | 6                                   | 66               |
| 3  |                        | Produksi U. 2         | 11                         | 6                                   | 66               |
| 4  |                        | Produksi U. 3         | 5                          | 9                                   | 45               |
| 5  |                        | Produksi U. 4         | 13                         | 7                                   | 91               |
| 6  |                        | Produksi U. 5         | 4                          | 7                                   | 28               |
| 7  | Outdoor Chiller        | Produksi U. 6A Steril | 24                         | 14                                  | 336              |
| 8  |                        | Produksi U. 6B Steril | 14                         | 14                                  | 196              |
| 9  | Outdoor AC<br>Standing | Gedung Kanser         | 5                          | 3                                   | 15               |
| 10 | OutDoor AC Split       | Produksi U.1 Steril   | 9                          | 1                                   | 9                |
| 11 |                        | Produksi U.1          | 3                          | 1                                   | 3                |
| 12 |                        | Produksi U.2          | 6                          | 1                                   | 6                |
| 13 |                        | Lab Kimia U.2         | 4                          | 1                                   | 4                |
| 14 |                        | Lab. Mikro U.2        | 5                          | 1                                   | 5                |
| 15 |                        | Produksi U.3          | 3                          | 1                                   | 3                |
| 16 |                        | Produksi U.4          | 13                         | 1                                   | 13               |

|                                                |                  |                |    |   |         |
|------------------------------------------------|------------------|----------------|----|---|---------|
| 17                                             | OutDoor AC Split | Produksi U.5   | 3  | 1 | 3       |
| 18                                             |                  | Gudang Sentral | 5  | 1 | 5       |
| 19                                             |                  | Kontainer      | 8  | 1 | 8       |
| 20                                             |                  | Gedung Office  | 37 | 1 | 37      |
| 21                                             |                  | Mess           | 24 | 1 | 24      |
| TOTAL FREON R11 UNTUK FLUSHING SELURUH OUTDOOR |                  |                |    |   | 1025 Kg |

|   |                                               |                                                                                                         |
|---|-----------------------------------------------|---------------------------------------------------------------------------------------------------------|
| A | Mean Time Between Failure (MTBF)              | 180 Months                                                                                              |
| B | MTBF Assumption                               | 180 Months                                                                                              |
| C | Avarage Months Consumption                    | $1025 \text{ Kg} / 180 \text{ Months} = 5,7 = 6 \text{ Kg}$                                             |
| D | Lead Time                                     | 2 Months (From SPB)                                                                                     |
| E | Decide To Maintain Minimal Stock              | $(C \times D) = 6 \times 2 = 12 \text{ Kg} = 1 \text{ Tabung}$<br>(Packaging Original 1 Tabung @ 12 Kg) |
| F | Decide to maintain Order Point ( 100% - 150%) | $(150\% \times E) = 150\% \times 1 = 2 \text{ Tabung}$                                                  |

#### PROPOSAL TO SECURE OF SUPPLY

| MINIMUM STOCK | ORDER QUANTITY |
|---------------|----------------|
| <b>1</b>      | <b>2</b>       |

| Di Susun Oleh                                                                                           | Diperiksa                                                                                                    |                                                                                                            | Mengetahui                                                                                                   |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <br>Planning Manager | <br>Supervisor Compliance | <br>Assistant Manager | <br>Engineering Manager |



|                                                                                                                                                                              |                                      |                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------|
| <br><i>Good Quality Improves Life's Quality</i><br>PT. MERSIFARMA TM.<br>SUKABUMI-INDONESIA | <b>CONSUMABLE<br/>JUSTIFICATIONS</b> | Nomor :<br>Tanggal : 16 April 2024<br>Revisi : 00 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------|

|                    |                    |
|--------------------|--------------------|
| NAMA BARANG        | Freon              |
| TYPE / BRAND       | R407C              |
| PACKAGING ORIGINAL | 1 Tabung @ 11,3 Kg |
| DIGUNAKAN UNTUK    | Out Door HVAC      |

**Estimasi Jumlah Pemakaian**

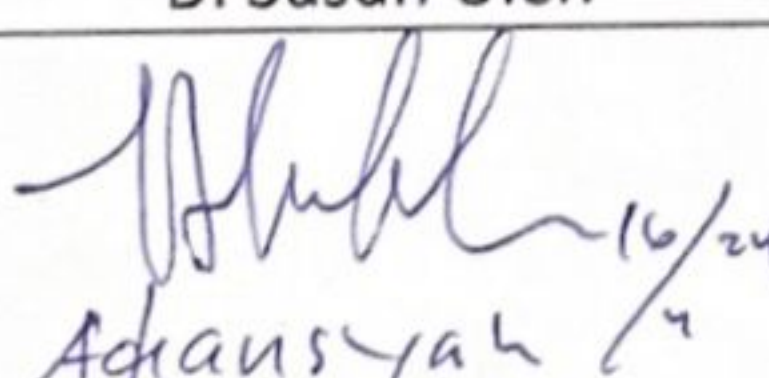
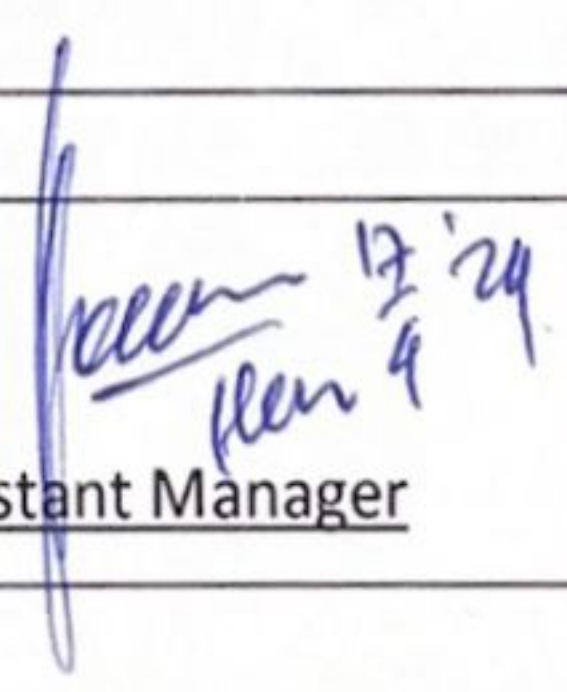
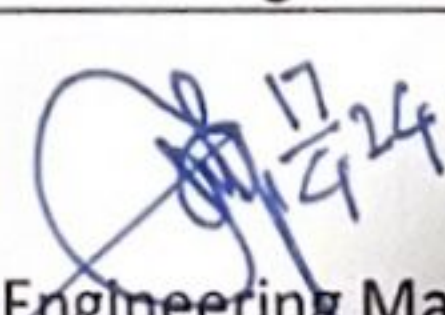
- A. Digunakan untuk penambahan dan perbaikan kebocoran outdoor HVAC yang menggunakan Freon R407C.
- a. Freon R407C setiap 0,8 Kg digunakan untuk pekerjaan selama 1 bulan, pada 1 Out door HVAC, Berikut daftar kebutuhan perbulan Freon R407 C.

| No.                                 | Lokasi Out Door       | Jumlah Out Door<br>[A] | Freon R407C /<br>Bulan<br>[B] | Total<br>[A x B]      |
|-------------------------------------|-----------------------|------------------------|-------------------------------|-----------------------|
| 1                                   | HVAC U. 1 Zona 1      | 2                      | 0,8                           | 1,6                   |
| 2                                   | HVAC U. 1 Zona 2      | 2                      | 0,8                           | 1,6                   |
| 3                                   | HVAC U. 1 Zona 3      | 2                      | 0,8                           | 1,6                   |
| 4                                   | HVAC U. 3 Zona 1      | 2                      | 0,8                           | 1,6                   |
| 5                                   | HVAC U. 5 Zona 1      | 2                      | 0,8                           | 1,6                   |
| 6                                   | HVAC U. 5 Zona 2      | 2                      | 0,8                           | 1,6                   |
| 7                                   | HVAC Lab Mikro Zona 3 | 1                      | 0,8                           | 0,8                   |
| Total Kebutuhan Freon R407C / Bulan |                       |                        |                               | 10,4 Kg =<br>1 Tabung |

- B. Lead Time : 2 Bulan SPB
- C. Decide to maintain minimal stock : [Total Kebutuhan Freon R407C / Bulan x Lead Time]  
 $[1 \times 2] = 2$  Tabung  
 (Back UP Perbaikan 2 Outdoor HVAC [Pengisian Ulang])
- D. Decide to maintain Order Quantity ( 100% - 150%) : [C x 150%]  
 $[2 \times 150\%] = 3$  Tabung

#### ROPOSAL TO SECURE OF SUPPLY

| MINIMUM STOCK | ORDER QUANTITY |
|---------------|----------------|
| <b>2</b>      | <b>3</b>       |

| Di Susun Oleh                                                                                          | Diperiksa                                                                                                            |                                                                                                                    | Mengetahui                                                                                                           |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <br>Adiansyah 16/24 | <br>Supervisor Compliance 17/4 24 | <br>Assistant Manager 17/4 24 | <br>Engineering Manager 17/4 24 |